0520 2800 OIPE 05/01/01 20

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/001,843 ENTERED CRF Processing Date: 12/11/2001

Entered by: [signature] Verified by: _____ (STIC staf

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

#4

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____

_____

_____

_____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

p.5


3 <110> APPLICANT: Salceda, Susana
4 Macina, Roberto
5 Recipon, Herve
6 Cafferkey, Robert
7 Sun, Yongming
8 Liu, Chenghua
9 Turner, Leah


11 <120> TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes and Proteins

W--> 12 <130> FILE REFERENCE: DEX-0267
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/001,843
C--> 14 <141> CURRENT FILING DATE: 2001-11-20
14 <150> PRIOR APPLICATION NUMBER: 60/249,992
15 <151> PRIOR FILING DATE: 2000-11-20
17 <160> NUMBER OF SEQ ID NOS: 218
19 <170> SOFTWARE: PatentIn version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 1767
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapien
26 <400> SEQUENCE: 1

27 cggccgcccg ggcaggtaca agctttttt ttttttttt ttttttttta aaaaactaaa 60
29 gtcaaatttt ttttttccc ataaaaccgc ttctcttttt attaataaaa aaaataaaaa 120
31 taaaaagtgg aaccaaagag gaaaaggggt ggttttaaga ggtggacccg tggtgggaaa 180
33 gagagaggcg agagggcgtg cgaggacacg agaaagaaca cgcgtgggaa cacgtgggag 240
35 gtggccccgg gggacacctc gagagagagg cagagagtgg cgtgtattca cacgctctca 300
37 tcatgagtgg tgacacaccg agactcgcgt ggcgccgcgc ggcgtgtgtg tctcccagag 360
39 agagagagag ggcgtgtgta agatcatcac gcggtgggac actctcagca ggggcggtgt 420
41 gatgacgccc agtgtgtcgc actctgtgtg ccaccgctgt gtgtgagtgt gagagagggc 480
43 gactattctc ttatagagca gagagacacc ctgtgtgaga ctgtgtggga gaaaaagtgt 540
45 gtcgcgccac cacacacaac tctcccgcca gaggctctct gtgtgtgaga gaggagagta 600
47 gtatataaga ggagggacag cggcgggggg tgtatataaa ttttatctca catatttata 660
49 agccggtgtg tggtgtgatg tgagagggga ggggagagag tgtcatcttc tctcacacag 720
51 cggagagaga gagacggtgt gtgagggacg gcgtgtggta gtttttcttc tcctcgccgc 780
53 cgaagaagaa gatgttacaa caaaagaagt tgtgggggcc gcgcacacca aaataataga 840
55 aggattgttg tcgtgtgaga taatcctcga ccgcagaggc gcgcctctgc tcttcctcta 900
57 ttatgaggtg ctacgattaa taccccccac gattgtgttt atataatcac gccgactgtt 960
59 gctgtctccc gacgaagggg acgggcgaag ctcgctccaa tggtgggggg cccccacaaa 1020
61 gaggagcaac aaagaggaga acgacgtggt agcagcacgt cataataaag acgggttgta 1080
63 ctaacgaggg ggggaaaaca actgctggtg tggaacacgg cgggggggg gggggtggg 1140
65 tcgcaccccc caaaataatt aacaccgcca gaacgaagaa gctctcacgc atcatccgct 1200
67 gcgaaaacac gcggccttct gtgggcgtac ttagatgcag gcgggcgtgg tttttctccc 1260
69 ccacgaagtg gtgatgtgtg ctcccccccg agggggggagg gagtaattat aaacaccccc 1320
71 ctctctgtgg gggtgagaac acaaataatt gttcgtcgta gggtgggtgt acacccacat 1380
73 cgtcagcaag agatctgtcc tggctgtgcg acaacccagc gtgtgtgtgg ggcgggcccc 1440
75 cctacaagag gatcagctcg cggtgtcgtt ggtataataa acaaccccac cgggggcgca 1500
77 gcgaggagga aaaacaaccc gtgcaggggc gtgctggcag aacaacagca gcggggaaga 1560
79 agattgcacc acgagtggga caaagacgga cagggagcgt cgcacggcaa aatcttgctg 1620

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

81 gggcgggaaa caacaaaaca gctgcgagca gcggctggct gcgggcgtcc acaaacgatg 1680
83 cgtgtgcggg tgccctcctc cccccagagg tcgggggcgg cggcaacaca cagggagggc 1740
85 aaacaacgag cgagagtcac ccggtga 1767
88 <210> SEQ ID NO: 2
89 <211> LENGTH: 541
90 <212> TYPE: DNA
91 <213> ORGANISM: Homo sapien
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: (495)..(495)
96 <223> OTHER INFORMATION: a, c, g or t
99 <400> SEQUENCE: 2
100 gcgtggtcgc ggcgaggtac agtccagatc ttttctttaa ttcttatggt ttttttttt 60
102 ttttttttt ttaaaaaatg gagtttgtgc aattttgcca aggttgattt tgaattccgg 120
104 ggcccaattg atccccccac ctcagcctcc tgagtggtgg ggtttacggg ggtaacccat 180
106 tgtgcctggt ttccagcttt ccttttaaat taggggggtta tagttcggca caaccaggac 240
108 ccagggcagg aaatatacac ttccccaata gcaaattagc attaccgtga cctcctctgt 300
110 gctaatatgg cacttttgtt aaccaagtga attgatgggt gtggagtggt gtggatgtag 360
112 atgaagtgaa ttgaaacata tactacgtga taatttatat cccagagtcc tcaaaaatat 420
114 tggtggcgtt gaaaaattgg ggagggcggg agtggaaatt cactgttgga tatagattaa 480
116 ccacggtgaa attantggct tgcttgaaaa ggtcttaaag taagtggtgt tttttactca 540
118 g 541
121 <210> SEQ ID NO: 3
122 <211> LENGTH: 874
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapien
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: (770)..(770)
129 <223> OTHER INFORMATION: a, c, g or t
132 <400> SEQUENCE: 3
133 ctgagtttca gtcctggctc tacccttctt ggcctgtggt tctaagcatg ttatttgcct 60
135 ctctcagctt caactgtgaa gagttcaatt aggtgatcac tttaactttt ctagctcgga 120
137 tactctgtgc cagctctgga accatgcttt ttggtgtctg tgtgtatata taggtcacct 180
139 gtatgtattt aggtcctttg aggaatctac tggacgtatc aaaaaaaaaa aaaaaacacc 240
141 cacaaaaaga acagccccgt ggagctcttg agtgtgggtc tccacttagt gttgtgttgt 300
143 gtttctcccc aatctctttc ttagaagcca gggaggggca cccttctgtg gggtcttcca 360
145 ccattcttct tgaggcgagc cattccccag ccttccttct tcttcccaag cctgtgttct 420
147 tgttacactt gggtgaaggg gggaagtgtg ttcccgggct ggagaactgg tgtttaacag 480
149 gtaaggtctc tggccctccc aggtgactct ttttaggggg caggacccca ttcttggtaa 540
151 gcccagcatt ggctctggcc ccagacactt tgtggtttgg tctcaggtaa tcggtggctg 600
153 tccactaggc tgcttgttgg acctttcttg cgtggtgtcc atattggtct tcctttgtgc 660
155 ggaaaattaa ttcctttcgc acttgccaca aaaaacccaa aacacaaaaa aggcgtgggg 720
157 cgcccgtggc ctaagcgggt ccgtgggaga aatggttccg ccccacaacn accgccacac 780
159 accacacaca gcgcgggcgg gggggcgctt aaaacagaac gaaggggggac gacaggcaca 840
161 caaggcagga ggaacagaga aaaaggggag agtg 874
164 <210> SEQ ID NO: 4
165 <211> LENGTH: 557
166 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

```
167 <213> ORGANISM: Homo sapien
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (404)..(486)
172 <223> OTHER INFORMATION: a, c, g or t
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (489)..(489)
178 <223> OTHER INFORMATION: a, c, g or t
181 <400> SEQUENCE: 4
182 gcatataatg tatattgttg aatccaatca ggatgcatgt gagatgatat attggctgaa     60
184 gctaccattt taccgctgtg gctccctgag actcttgatt ctagcttctg tgtctgcgaa    120
186 cgtgataact ggaggaatac tatcatagga atggtatata cgcatattga ggcacaaagt    180
188 tggagtgaat gaaagcgtac tgattggagt tagaccagta gcactgaaca tagtgagtgc    240
190 acgagtacat ctatacccca acaaatagtc gatcactaca tcctggaagc ataccagcac    300
192 ccaagcaaca acaagacatt aggctactag caatggggtt atattacaat taccttgact    360
W-> 194 agacacataa aagaacaatt tcagagccca catgatttta gtannnnnnn nnnnnnnnnn    420
W-> 196 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    480
W-> 198 nnnnnnatnc ccccacccac caccccaccc caaccccccc cccccacccc ccaaccccca    540
200 atagcccccc cccacaa                                                    557
203 <210> SEQ ID NO: 5
204 <211> LENGTH: 504
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapien
208 <400> SEQUENCE: 5
209 atgtctatgg ggactggtgt ctcctagatg ctgctcagcg gccgccaggt tgtgatggat     60
211 gcgtgtcgcg gccgaggtac ctgagatatg gtcagattct aaatacattt tagtggcaca    120
213 atctacaaaa cttaatgact caccagacat gggaaatgaa agaagcagag tcctgagata    180
215 acctaaagtt cttggcctga gcagctggaa gactggagtg gccatttact gagacagaga    240
217 agctatgaga agaaccattt tgggggagaa gagaacatac tgcgttggag aagtctatta    300
219 gatccggttg aagatgttga gtagctattt ggatatgtag cttttctcac agttccccaa    360
221 aactttacga tttgcctacc gactgagcca acagctaaat gtgtgccctg tttttaattc    420
223 tatgtgtagt ttgctgtaga aagagaaagc aactcttaaa acctgaaaag aaatgaaaat    480
225 ggaaactaat gaattacatt aaga                                          504
228 <210> SEQ ID NO: 6
229 <211> LENGTH: 795
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapien
233 <400> SEQUENCE: 6
234 ttttttttt tttatttttt tttgggaaaa aacagaaccc ccccaaaaac attaattttt     60
236 tttttaaaaa aatctgggcc cccttgggtg gtttccaatt tggtttcccc ccttttcccc    120
238 ttgaacccaa attcctaaaa cttgtttttc ttaaaaaatg agttgtggct acctttaacc    180
240 catacccttа actcgggtgg tgtcccacat agttgctccc accccagtac ccagctctct    240
242 cctccaccct ttctctgcgg gtttccagtg ctcctcaggg ccgtgagcag cacgtgaggg    300
244 gctgggacga ttttttctcc tttaacgaat gtccagctct ccagccaagt ttggagagcc    360
246 ttctctctca tgtgttggct caaacgcaac cgagaacgcg tgtttctctt gcgggttcga    420
248 taggccaata ggaggaccag attgttggat ttatttttct tcccgagtgt attatcccgg    480
250 actctaacca ctggtccaga ggcttgggtg cccaccaaca ctatatatct cctcgggggg    540
252 acctttтcgt gggccctatc gagggagaac agcggttgtc tgtgcccagt tggttccctt    600
```

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

254 aaaccccccgt atgggggggga gggacaaaac gtggtctcct cgcccaattt tcggggatgt 660
256 ctccttttat tttccagcaa ccacttttc ttcaaaaagc tgggggggta acctggggcc 720
258 ataggcctgg tcccccgtgg tgtaatttgg tcttcccgtt ccaatttccc ccctactcac 780
260 agcacacccc accta 795
263 <210> SEQ ID NO: 7
264 <211> LENGTH: 260
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapien
268 <400> SEQUENCE: 7
269 gccgggcagg taccttatat tagttttctt atttattttc acagcatcct ttttctatgt 60
271 agcaatgagt tgctttttt ttgccttttt aaagatggaa gtcacagcaa aatgggaaat 120
273 taacttgcct attaattcat gcaacatgac aactgcagag caatgtctag agtaagacaa 180
275 tagtatgtct tattcttctt cagaaaatat tcttatatgt catatttagt taaaatatca 240
277 tgtatcatat catatgttta 260
280 <210> SEQ ID NO: 8
281 <211> LENGTH: 609
282 <212> TYPE: DNA
283 <213> ORGANISM: Homo sapien
285 <400> SEQUENCE: 8
286 gcgatgttca tcaactatag gcgaatggtc cctagatgca tgccgagcgg cgcaggttgt 60
288 gatggatcgg cgcccgggca ggtacattgt ttttttttt ttttttttt ttttttgaaa 120
290 aaaaccccgg ttttaatacc ttatttttt tggctttaaa aaaatttttt aaccatttta 180
292 aaaaaacccc ccctttcccc catttcagtt tccccgttaa acgggtttaa aagttgaggc 240
294 aaagtgaatt tttgtctcca ccgagctttg ggaccactca gcggttccgt gtgcaaagga 300
296 ccttctcgag acaccaaccc cctttgtgcc aaaaaaattc gtggacagct ttttacactt 360
298 gttggtctta taaacaaata ccagacgcgg gatattctcc ccccccctc gtagatgtgg 420
300 gacaaacccg ccttgtctca ccagccaaat ctttctctct ccacccaaac acgagagctg 480
302 tgggggtat acatctcgag tggtctccaa tagcgctgtg ttccacgcgt ggtgtgtaga 540
304 aatgtgtgtt tctctcgcgc ctctcaacat atctcccacc aaaaaattag cacaacacaa 600
306 aatggaatg 609
309 <210> SEQ ID NO: 9
310 <211> LENGTH: 450
311 <212> TYPE: DNA
312 <213> ORGANISM: Homo sapien
314 <400> SEQUENCE: 9
315 actaatcatt atttctttct ttttttttt tttggggagg gagctcttgc tctgtcaccc 60
317 aggcgggaat tgtcgggggt gcaatcttgg gctcacgtgg aacctcctcc tcttggggtt 120
319 caaggtgatt ctccgtggtg cctcagccct cccgagttgg ggggccccg ggtgcccgtt 180
321 accagtgccc gggttaattt ctgggtatat ttaaggtaga agaacgaggg ttctcaccat 240
323 tgttgggcca ggcgggtctc aaactccgtg gacttcaagt gatctgccca tctgggactc 300
325 ccaaagggcg gtgggattac gaggcttgag ccaccatatg cggccgattt tataatgata 360
327 ctctaaataa cacttttcct acactgggat ttgcccaaag atcattgggt gaacccttcc 420
329 caccettgtt tttgtgaagc aaacggaact 450
332 <210> SEQ ID NO: 10
333 <211> LENGTH: 238
334 <212> TYPE: DNA
335 <213> ORGANISM: Homo sapien
337 <400> SEQUENCE: 10
338 atccttatta gatatgtaat ttggcacata ttttctccca ttttgtgggt tgtctttgtc 60

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

```
340 ttttttattt tttattgctt gtgtttggta tcattattga taattcattg ttaaattaaa   120
342 ggtcatgaac gagttaccaa aaaaacacaa cagaaaaaaa aaaaagcctg ggggaaaacc   180
344 aggccaaacc gtttccccgg ggggaaattg tttccgccac attcaataaa acaaaaac     238
347 <210> SEQ ID NO: 11
348 <211> LENGTH: 1925
349 <212> TYPE: DNA
350 <213> ORGANISM: Homo sapien
352 <400> SEQUENCE: 11
353 tttttttttg aatgtttata acagctttat taatattggc caaaacttgg aagcaaccaa    60
355 gatgtccctc tataggtgca tagataaaca ttttatggcc catccataaa atgaaacatt   120
357 attcagcaat aaaaggaaat gaggtataaa gccatgaaga gatatggggg aaatttaaat   180
359 tcatattgct aagtgagaga agccagtttg ttagtttatt ttataaatca ggatatggtt   240
361 tattttggtg aatattccat gtgtacttgc aaaaattgtg aattctacca cttttggtta   300
363 tagtggtcta taaatgtcca ttaggacaag tttatcctag tgttgttcag atctatcctt   360
365 gttaactttt tagctaattt atttagctaa aattaatttt ttagctaact tttattaatt   420
367 attaagagta aagcatttaa atcccaaata taattgtgga tttgtcaatt tccccttgca   480
369 gttatgtcaa tttttacttc cggtattgtt atgtctttat caggggggcaa ttcaccaagc   540
371 agtgccctct ttctctctga taatattgct tcttttgaag tccacttttg tttatattaa   600
373 tattgtcatt ccaacttttt tttgactaga gtttgcacaa tatattatcc ctttcttttt   660
375 atttacagtg agttacgggt agaaagcata tatttgggtc tctaggaaga attgaatatt   720
377 taatacgtgg gacaatataa gatttctatt ttttcttgag taggttttga taatttatat   780
379 tttctaggaa tttgtctatt ttctctaaac tttcaaaccc tattggcata aattgttaac   840
381 actgtccctt aatcttttta atctttatgg tgtttttcaa tatgctcccc cttttctttc   900
383 ataatattat ttctatatac ttttcttttt gtcttgatta atcggccaaa tgtttgtcta   960
385 ttttattaca aaactaaaat aaccaaaaca ggctggtact ggcataaaga taaacattta  1020
387 gaccaataga atagaattga gactgcagaa gtaaactcat acatatatct tcaattgaat  1080
389 ttctacaagg gtgtcaggac cataccatca gaaaataata tttttcaaca aatcactttg  1140
391 ggtcaattgc atagatacat gcaaaacaat gaagctggac tcctaacaca tactatatta  1200
393 aaaattaact tcaattgatt acagacatga atacaagagc taaaactaaa aattatagaa  1260
395 gaaaaagtaa gagtaactct tcatgacctt taatttaaca atgaattatc aataatgata  1320
397 ccaaaacaca agcaataaaa aataaaaaag acaaaagaca acccacaaaa tgggagaaaa  1380
399 tatgcgccaa attacatatc taataaggat ctgttatcca gattataact cttacaacct  1440
401 tacaccaaga cataactcat ttagaaactg ccaaaagact tgaatagaca tttcttcaaa  1500
403 gaagatatac tagtggccac agaagcacat gaaaagatgc tcaatatcat taatcattta  1560
405 gggaaatgca aaataaaatc acccatgaga taccacttta cacctactag gatggctata  1620
407 atcaaaaaga aaacagaaaa taataaaggg gttctcagga tgtggagaaa tttgtaactt  1680
409 catacactgc tggtaggaat atacaatggc acagccacca tggagaacag ttgggaagtt  1740
411 cttcaaaaag ttgaacagaa ttacaatatg acccagcaaa ttccactcct agatatatac  1800
413 ccacagaaaa ataaaacttg tgtccactaa aaccttgtac acaaatgttc acagcaatat  1860
415 tattcataat agctaaaaaa aaagtagaaa caaccaatca atggataaat ggataaacaa  1920
417 atgtc                                                             1925
420 <210> SEQ ID NO: 12
421 <211> LENGTH: 408
422 <212> TYPE: DNA
423 <213> ORGANISM: Homo sapien
425 <400> SEQUENCE: 12
426 ggttcgcggc cgaggtctgg gatgaagaat tctgaagcgg gaccactacc aggtcctgcc    60
428 ccctgcccac agccctccca ggccgggcag ggcaagttct ggagggccgg tgggggcata   120
430 cactgaaggc tgtgtgacgt ttctatttct caaggcagta acagcaaccg tgaacctcag   180
```

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:39

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

L:12 M:283 W: Missing Blank Line separator, <130> field identifier
L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:3340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:3575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:4297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109
L:4523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113

OIPE

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 12:06:10

Input Set : A:\dex-267.ST25.txt
Output Set: N:\CRF3\12112001\I001843.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Salceda, Susana
4 Macina, Roberto
5 Recipon, Herve
6 Cafferkey, Robert
7 Sun, Yongming
8 Liu, Chenghua
9 Turner, Leah
11 <120> TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes and Proteins
W--> 12 <130> FILE REFERENCE: DEX-0267
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/001,843
C--> 14 <141> CURRENT FILING DATE: 2001-11-20
14 <150> PRIOR APPLICATION NUMBER: 60/249,992
15 <151> PRIOR FILING DATE: 2000-11-20
17 <160> NUMBER OF SEQ ID NOS: 218
19 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

7972 <210> SEQ ID NO: 218
7973 <211> LENGTH: 67
7974 <212> TYPE: PRT
7975 <213> ORGANISM: Homo sapien
7977 <400> SEQUENCE: 218
7979 Gly Pro Gln Gly Pro Pro Gly Tyr Gly Lys Met Gly Ala Thr Gly Pro
7980 1 5 10 15
7983 Met Gly Gln Gln Gly Ile Pro Gly Ile Pro Gly Pro Pro Gly Pro Met
7984 20 25 30
7987 Gly Gln Pro Gly Lys Ala Gly His Cys Asn Pro Ser Asp Cys Phe Gly
7988 35 40 45
7991 Ala Met Pro Met Glu Gln Gln Tyr Pro Pro Met Lys Thr Met Lys Gly
7992 50 55 60
7995 Pro Phe Gly
7996 65
E--> 7999 1
E--> 8002 2
E--> 8005 1
E--> 8008 1

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/001,843

DATE: 12/11/2001
TIME: 12:06:12

Input Set : A:\dex-267.ST25.txt
Output Set: N:\CRF3\12112001\I001843.raw

L:12 M:283 W: Missing Blank Line separator, <130> field identifier
L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:3340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:3575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:4297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109
L:4523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:7999 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:218
M:332 Repeated in SeqNo=218